



Clockwork Solutions Announces the Release of SPARopt™

Austin, TX - September 15, 2002

Clockwork Solutions announces the release of The SPAR Automatic Optimizer: **SPARopt v1.0**.

Spare parts optimization is one of the most common, yet complex and expensive problems in many industries. Maintaining stocks of excess spares is not the best use of a limited budget, but lack of spares results in unacceptable system performance. Quantifying this relationship between cost of spares and system performance is the basis of making cost effective business decisions. Optimization of spares is a complex mathematical problem, but Clockwork has the solution.

SPARopt, the first product to market that automatically optimizes spare parts and costs, works in conjunction with Clockwork's world-class proprietary predictive modeling product, SPAR™ v5.0. allows decision makers to examine the relationship between cost of spares and unavailability.

SPARopt easy to use and understand, featuring an intuitive user interface centered around a graph of Unavailability vs. Cost, and a pair of corresponding tables for Stock Effectiveness and Sparing Strategy. The graph provides a natural way to understand the problem and compare alternative solutions, and the tables allow for in depth data analysis.

Using SPARopt™ you can:

- Minimize the cost of reaching a system performance goal
- Maximize System Performance with a given spares budget
- Perform Sensitivity Studies – Examine how changes in cost data affect the optimized spares policy
- Run Unconstrained Optimization – SPARopt™ generates a ranked spares effectiveness table

For more information on Clockwork tools and services, contact us at 512-338-1945 or info@clockwork-solutions.com

[Link to SPARopt Product Announcement](#)